

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Castano et al.

GROUP: Unknown

SERIAL NO: Unknown

EXAMINER: Unknown

FILED: Herewith

FOR: MAGNETIC MEMORY ELEMENTS USING 360 DEGREE WALLS

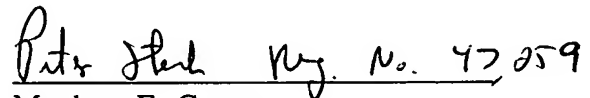
Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that may be required.

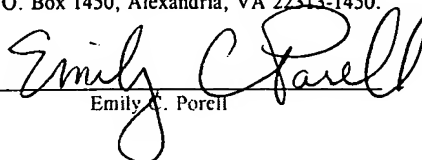
Respectfully submitted,

 Matthew E. Connors

Matthew E. Connors
Registration No. 33,298
Gauthier & Connors LLP
225 Franklin Street, Suite 3300
Boston, Massachusetts 02110
Telephone: 617-426-9180, extension 112

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

I hereby certify that this IDS and the documents referred to as enclosed therein are being deposited with the United States Postal Service on February 10, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV383579606US addressed to the: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Emily C. Porell

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP
(Rev. 5/92) 225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

MIT.10147
ATTORNEY DOCKET NO.

APPLICANT: Castano et al.

FILING DATE: Herewith

Unknown
SERIAL NO.

GROUP: Unknown

EXAMINER: Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AM	"Ultrahigh density vertical magnetoresistive random access memory (invited)," Zhu et al. <i>Journal of Applied Physics</i> . May 2000. Vol. 87, No. 9.
	AN	
	AO	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.